

Clean version of amended claims

1 (Currently amended). A method for the treatment of a functional bowel disorder wherein said method comprises administering, to a patient in need of such treatment, an effective amount of (4-(2-fluorophenyl)-6-methyl-2-(1-piperazinyl)thieno[2,3-D}pyrimidine or a salt thereof.

2 (Currently amended). The method, according to claim 1, wherein the salt is the hydrochloride monohydrate.

3 (Currently amended). The method, according to claim 1, wherein the disorder is irritable bowel syndrome.

4 (Currently amended). The method, according to claim 3, wherein the disorder is diarrhea-predominant irritable bowel syndrome.

5 (Currently amended). The method, according to claim 4, wherein the disorder is in a female patient.

6 (Currently amended). The method, according to claim 3, wherein the disorder is alternating constipation/diarrhea irritable bowel syndrome.

7 (Currently amended). The method, according to claim 3, wherein the disorder is constipation-predominant irritable bowel syndrome.